Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030817\
Data File : BM009127.D
Acq On : 09 Mar 2017 03:59
Operator : SJ/MA
Sample : I2062-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD0

Manual Integrations APPROVED
mohammad
3/9/2017 2:02:15 PM

Quant Time: Mar 09 05:55:39 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 02:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	323	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	1070	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	652	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	1551m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	1389	0.40	ng/ul	0.00
20) Perylene-d12	23.78	264	1145m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	347	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.30	212	891	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	361	0.12	ng/ul#	65
5) 2-Methylnaphthalene	12.34	142	278	0.13	ng/ul	97
7) Acenaphthylene	14.23	152	300	0.09	ng/ul#	51
9) Fluorene	15.58	166	255	0.08	ng/ul#	90
12) Phenanthrene	17.31	178	2814m	0.58	ng/ul	
13) Anthracene	17.40	178	773	0.16	ng/ul#	90
15) Fluoranthene	19.32	202	5463m	0.86	ng/ul	
17) Pyrene	19.68	202	4946	1.04	ng/ul	96
18) Benzo(a)anthracene	21.42	228	2861	0.62	ng/ul	97
19) Chrysene	21.47	228	2837	0.65	ng/ul	93
21) Benzo(b)fluoranthene	23.07	252	3950m	0.88	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	1155m	0.29	ng/ul	
23) Benzo(a)pyrene	23.67	252	2273m	0.56	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.15	276	1771m	0.34	ng/ul	
25) Dibenzo(a,h)anthracene	26.17	278	461m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.89	276	1606m	0.37	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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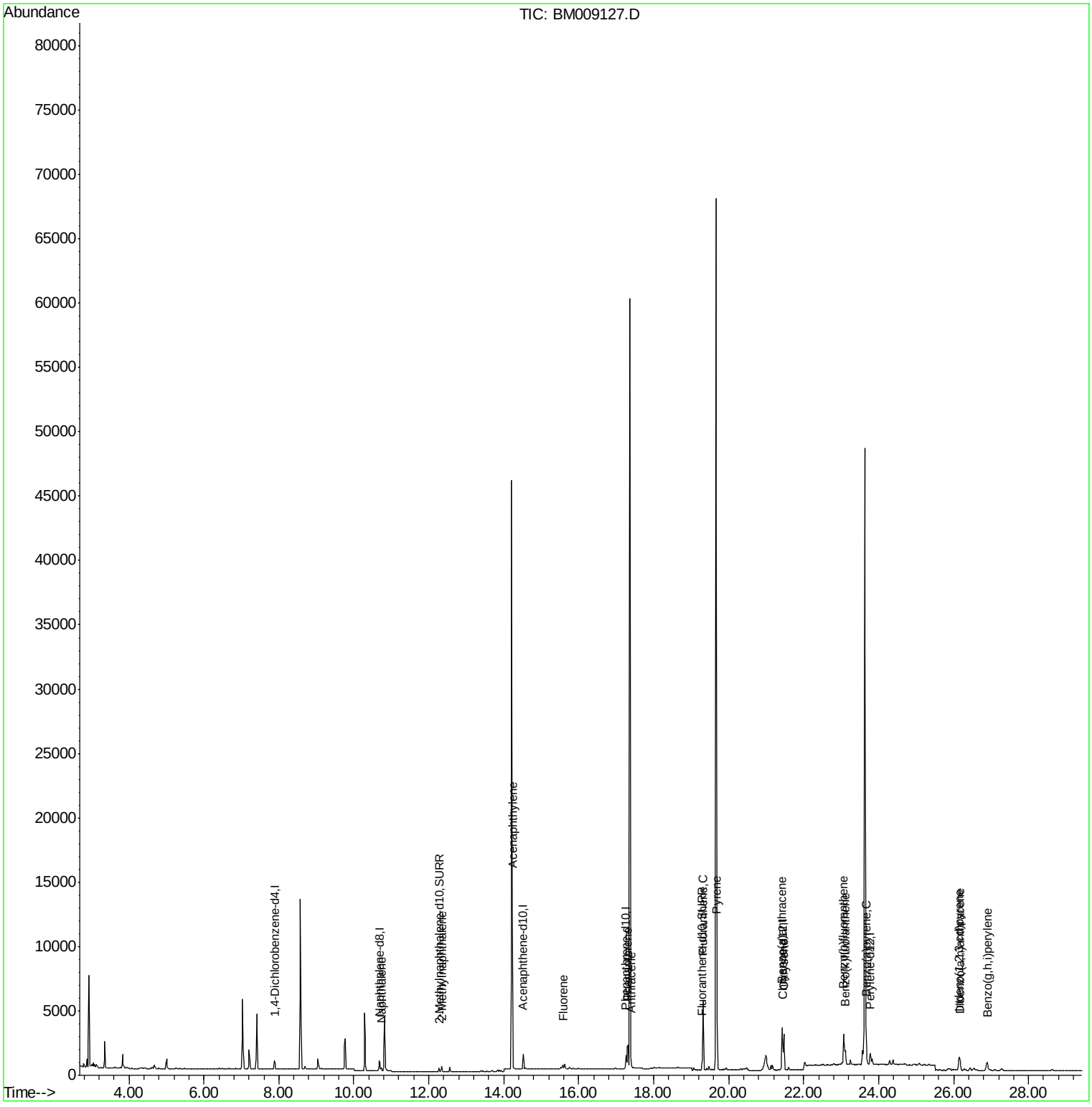
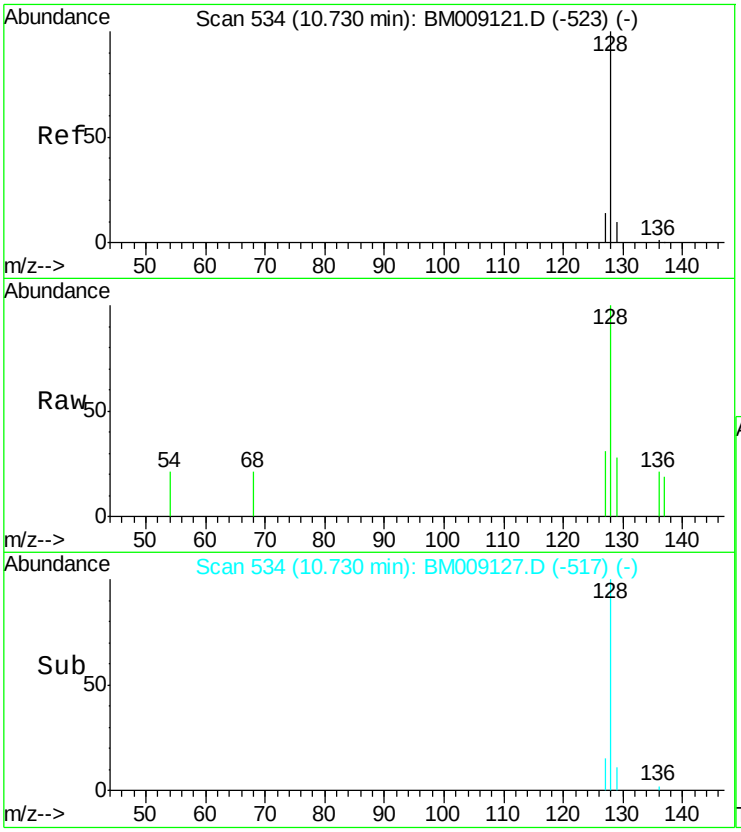
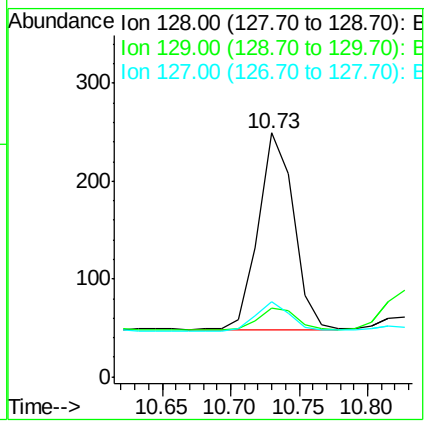




#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:128 Resp: 361

Ion	Ratio	Lower	Upper
128	100		
129	28.1	11.3	16.9#
127	30.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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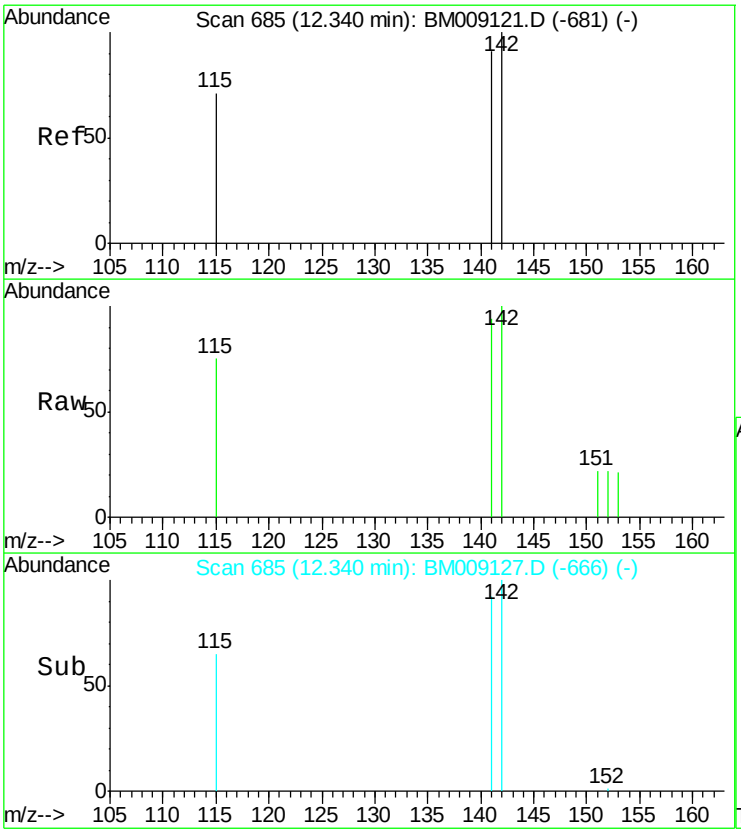
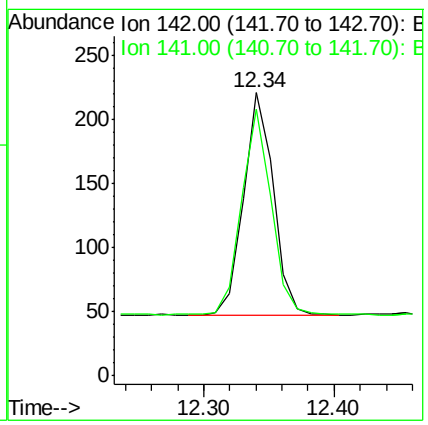
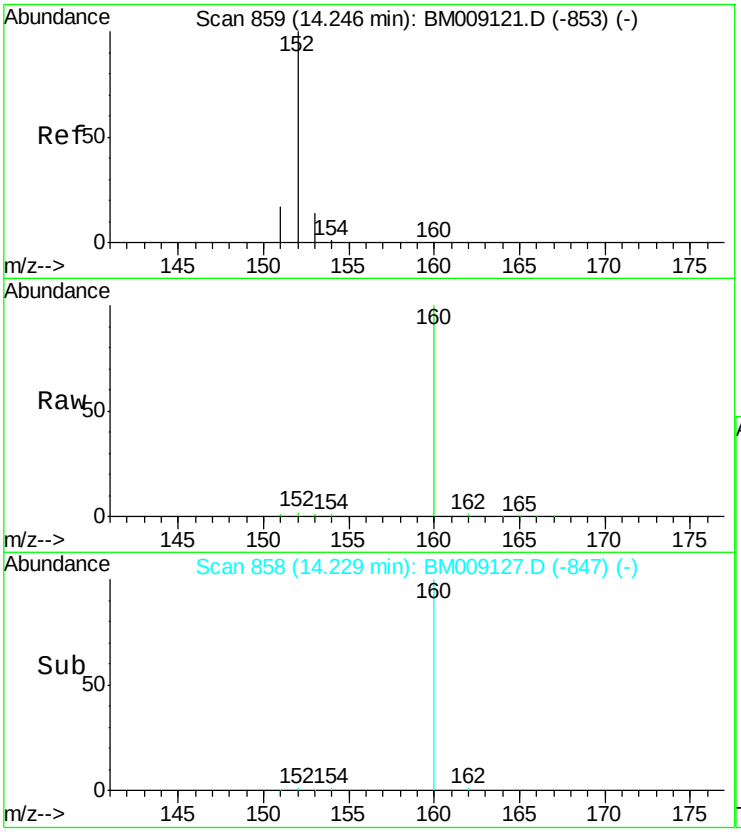


#5
2-Methylnaphthalene
Concen: 0.13 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:142 Resp: 278

Ion	Ratio	Lower	Upper
142	100		
141	93.5	72.6	108.8

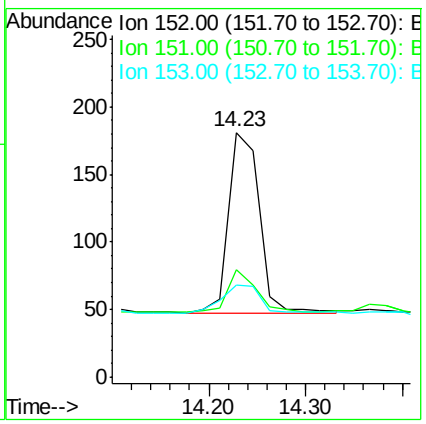




#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.23 min Scan# 858
Delta R.T. -0.02 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:152 Resp: 300

Ion	Ratio	Lower	Upper
152	100		
151	43.6	17.1	25.7#
153	37.6	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AD0

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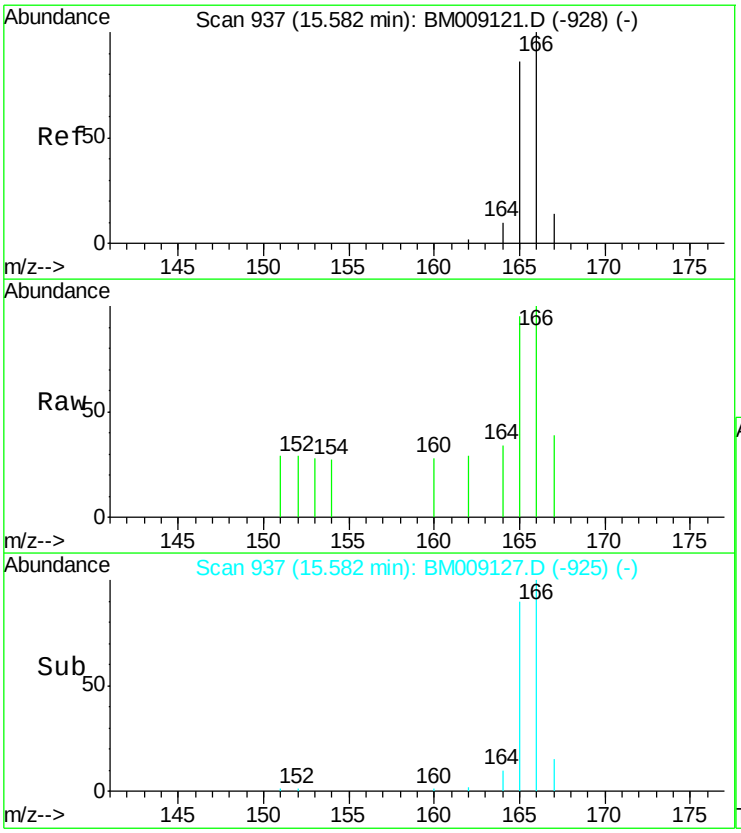
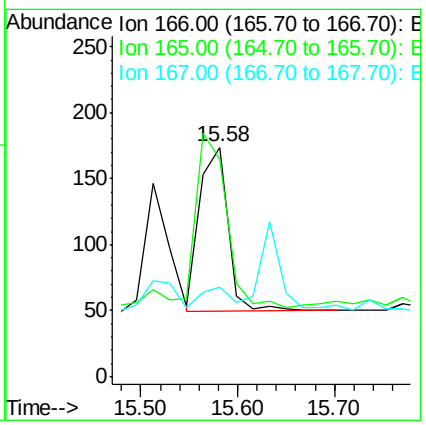
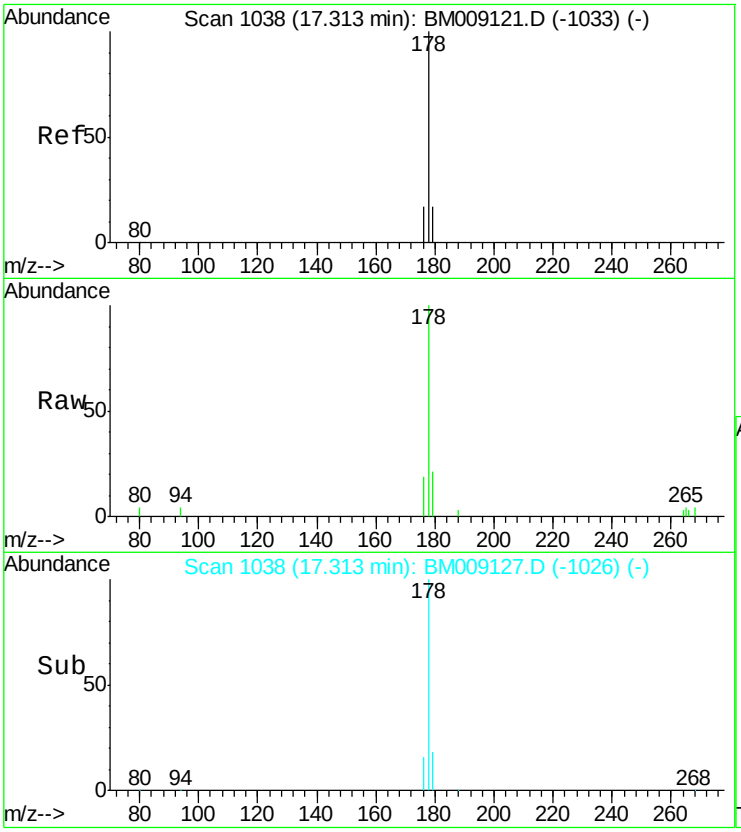


#9
Fluorene
Concen: 0.08 ng/ul
RT: 15.58 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:166 Resp: 255

Ion	Ratio	Lower	Upper
166	100		
165	94.8	73.4	110.2
167	39.1	14.6	22.0#





#12
Phenanthrene
Concen: 0.58 ng/ul m
RT: 17.31 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:178 Resp: 2814

Ion	Ratio	Lower	Upper
178	100		
176	19.3	18.4	27.6
179	20.9	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
C0AD0

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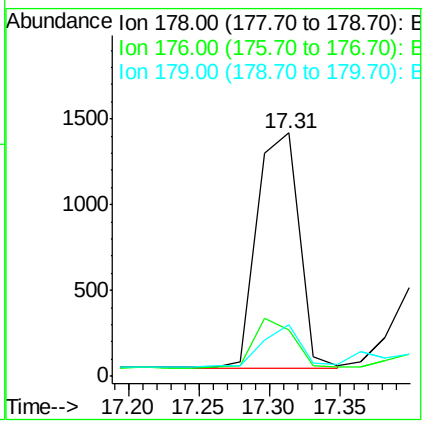
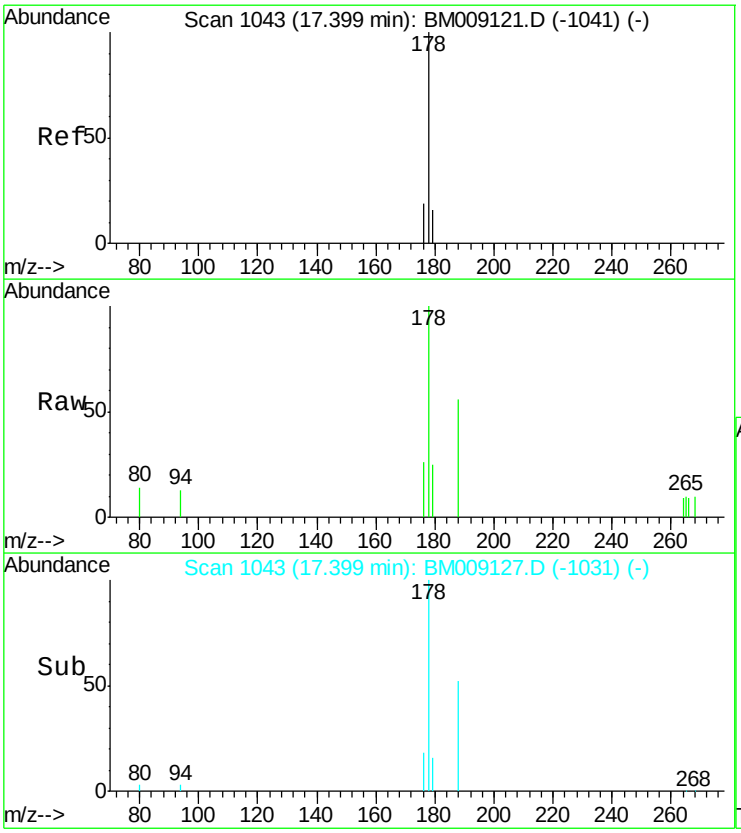
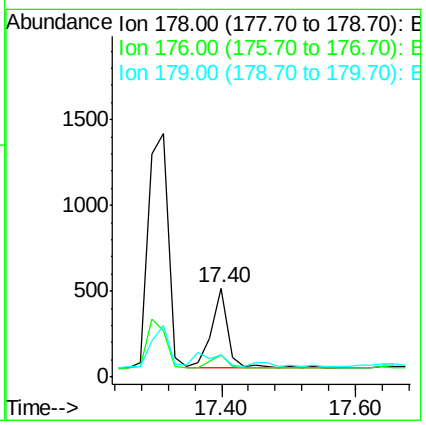


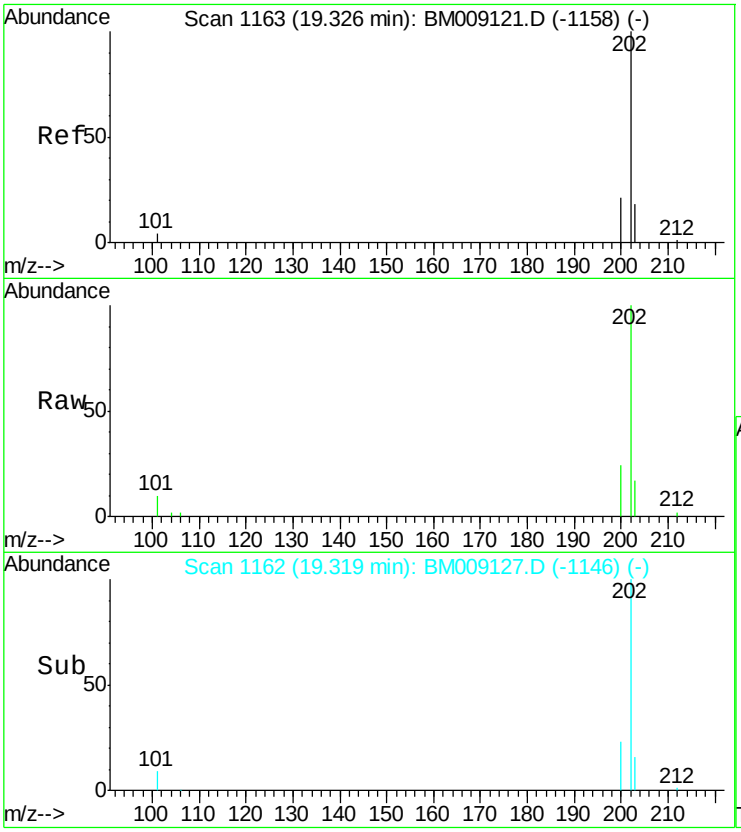


#13
Anthracene
Concen: 0.16 ng/ul
RT: 17.40 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:178 Resp: 773

Ion	Ratio	Lower	Upper
178	100		
176	25.5	18.1	27.1
179	25.1	14.7	22.1#

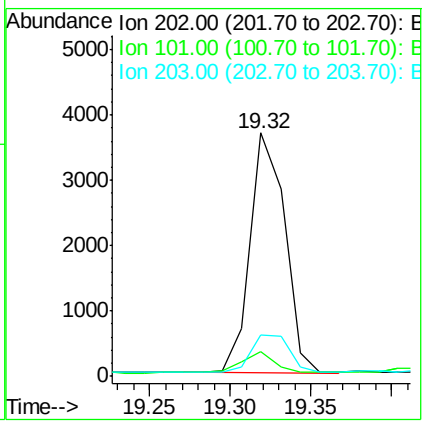




#15
Fluoranthene
Concen: 0.86 ng/ul m
RT: 19.32 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:202 Resp: 5463

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.3
203	17.2	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
C0AD0

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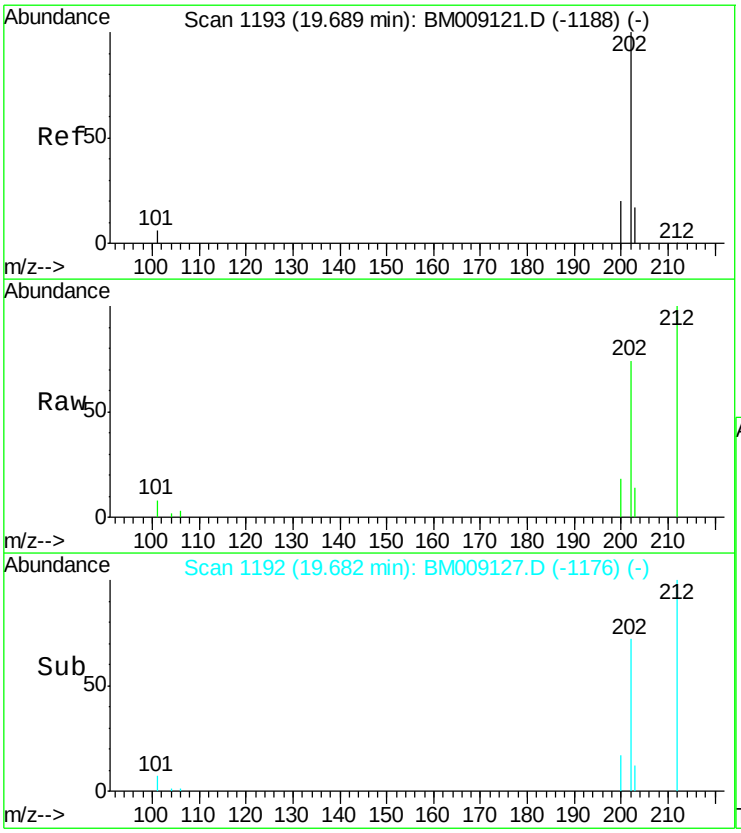
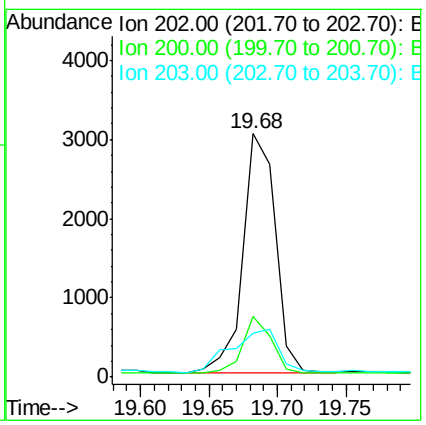
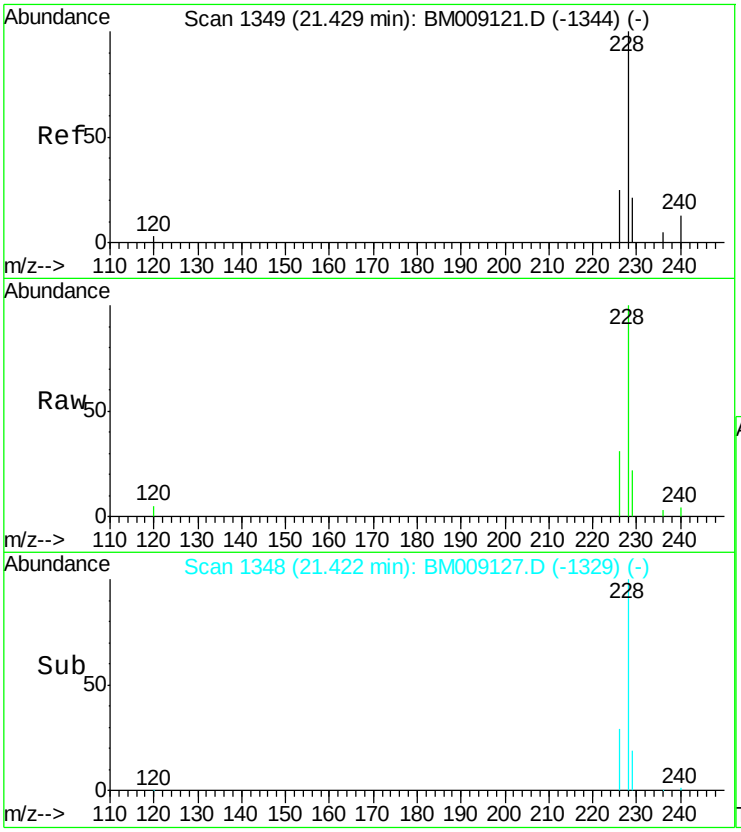


#17
Pyrene
Concen: 1.04 ng/ul
RT: 19.68 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:202 Resp: 4946

Ion	Ratio	Lower	Upper
202	100		
200	24.8	18.2	27.4
203	18.2	15.6	23.4

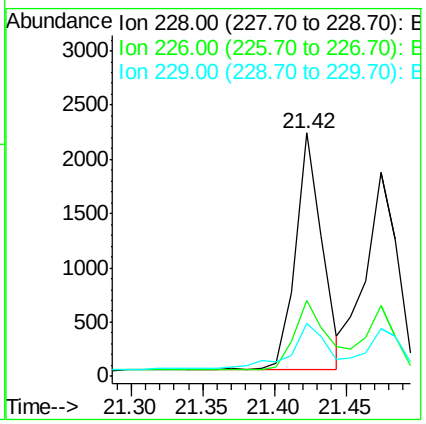




#18
Benzo(a)anthracene
Concen: 0.62 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:228 Resp: 2861

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.8	34.2
229	21.5	17.0	25.6



Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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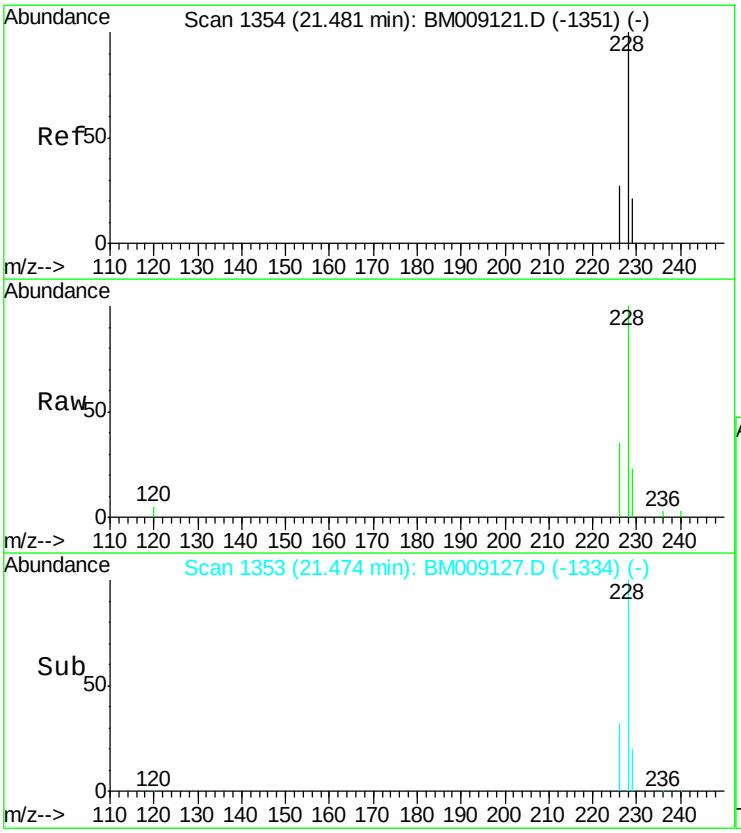
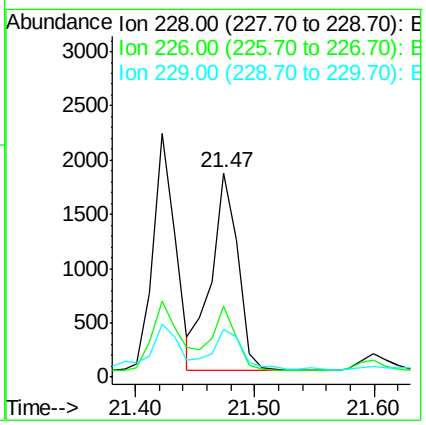
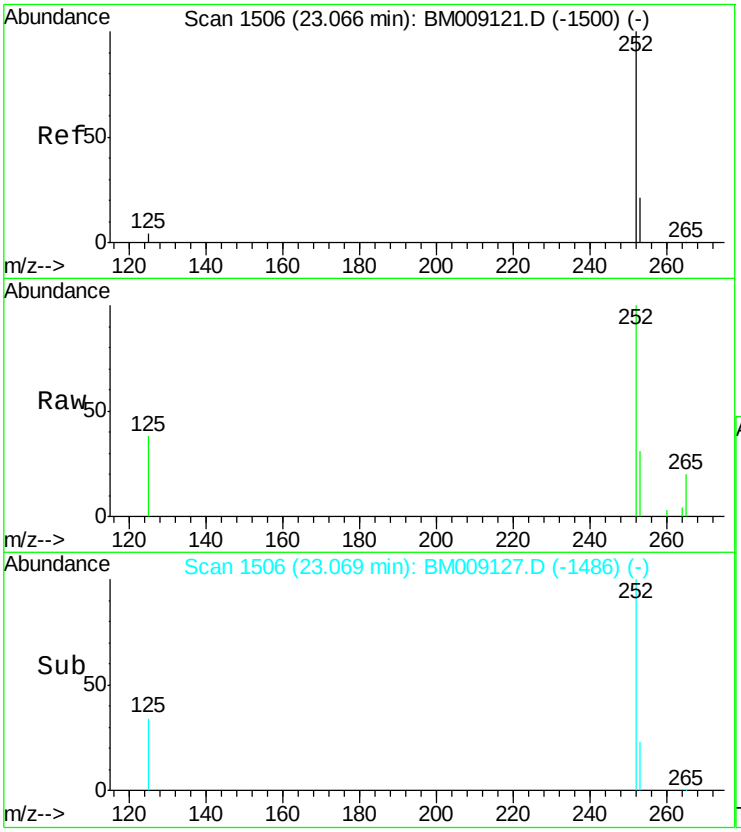


#19
Chrysene
Concen: 0.65 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:228 Resp: 2837

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.4	35.0
229	23.3	17.7	26.5





#21
Benzo(b)fluoranthene
Concen: 0.88 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:252 Resp: 3950

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	64.2
125	37.8	0.0	35.0#

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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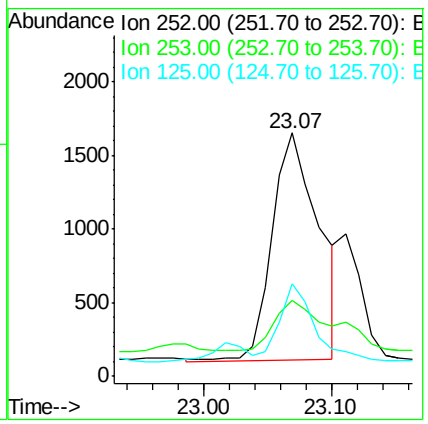
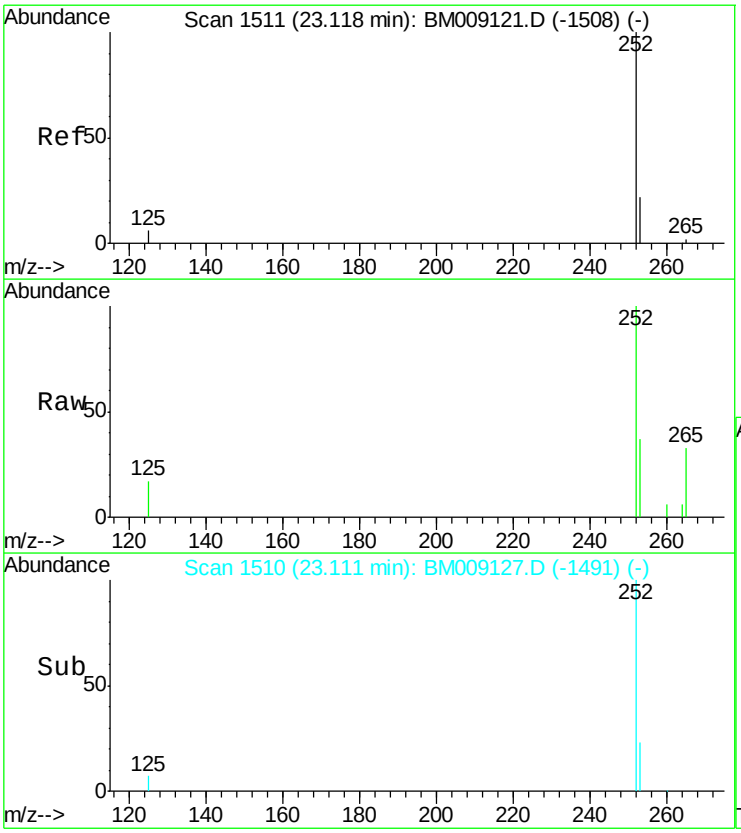
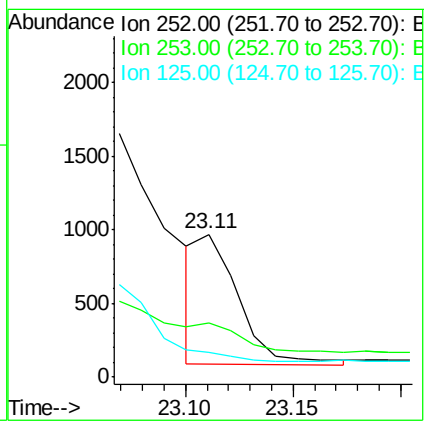


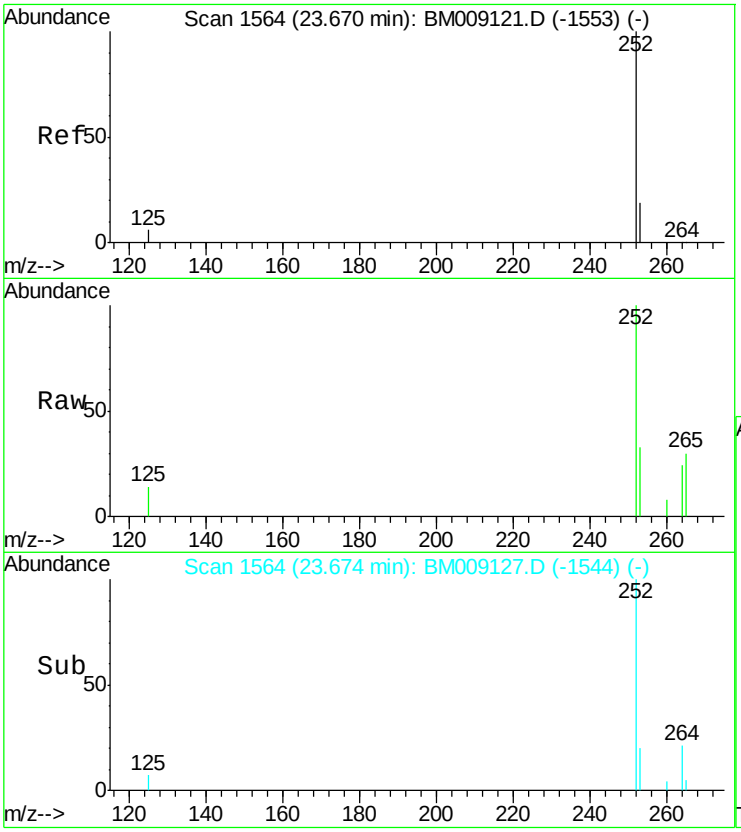


#22
Benzo(k)fluoranthene
Concen: 0.29 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.01 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:252 Resp: 1155

Ion	Ratio	Lower	Upper
252	100		
253	37.5	24.5	36.7#
125	17.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.56 ng/ul m
RT: 23.67 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:252 Resp: 2273

Ion	Ratio	Lower	Upper
252	100		
253	33.2	28.5	42.7
125	14.4	18.1	27.1#

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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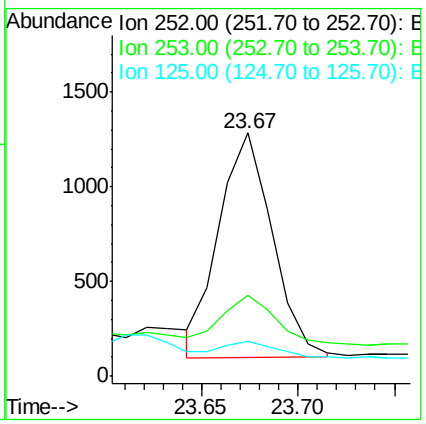
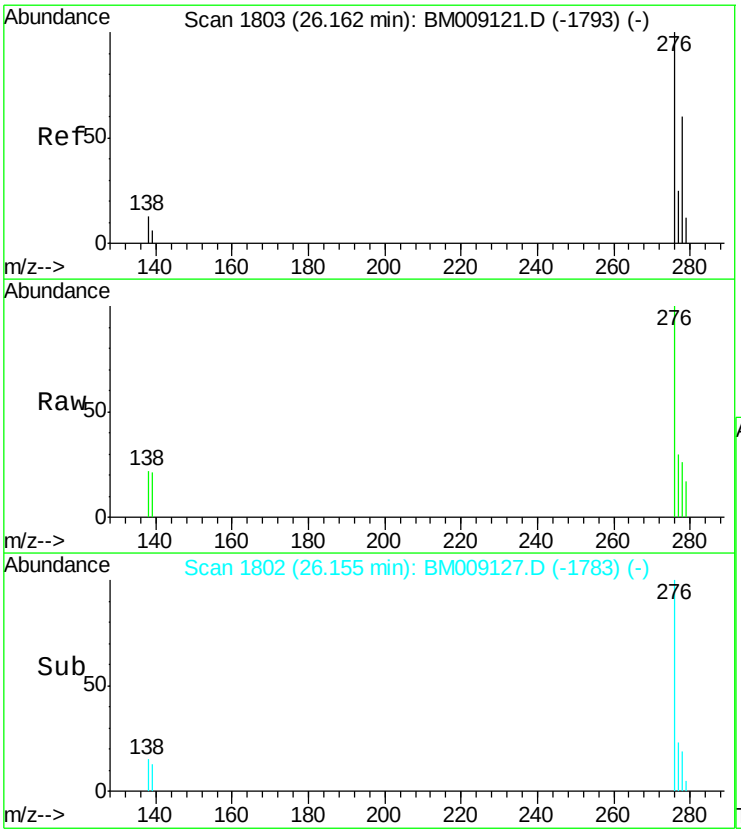
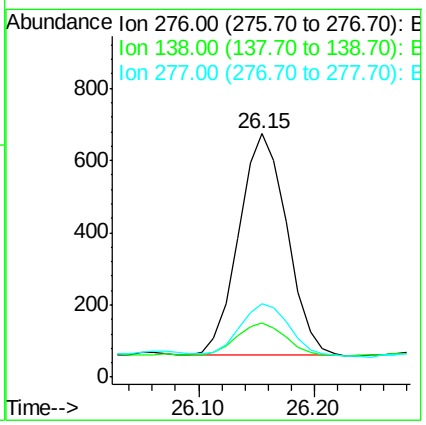


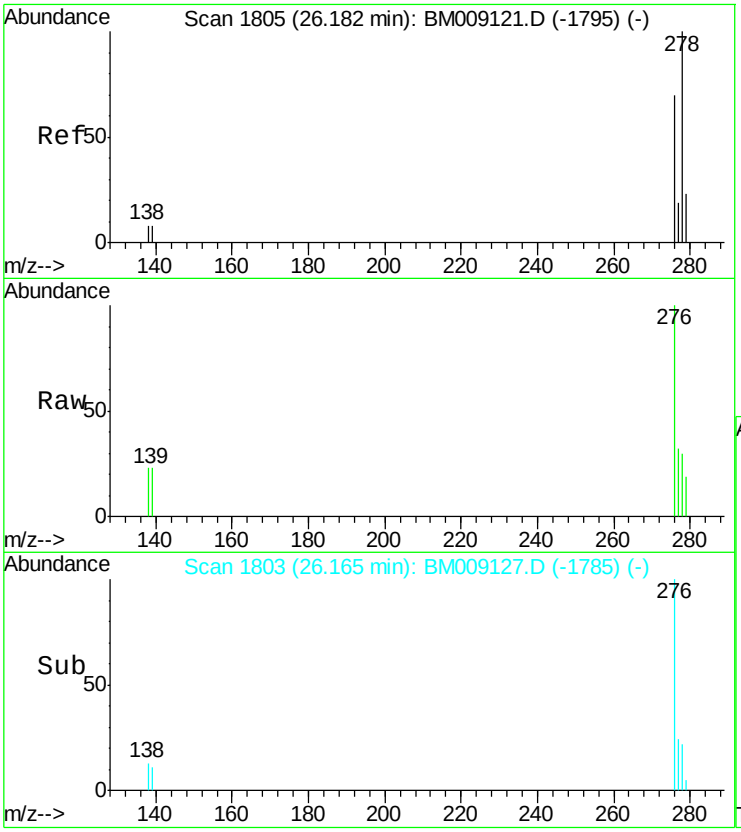


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.34 ng/ul m
RT: 26.15 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:276 Resp: 1771

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#





#25
Dibenzo(a,h)anthracene
Concen: 0.11 ng/ul m
RT: 26.17 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
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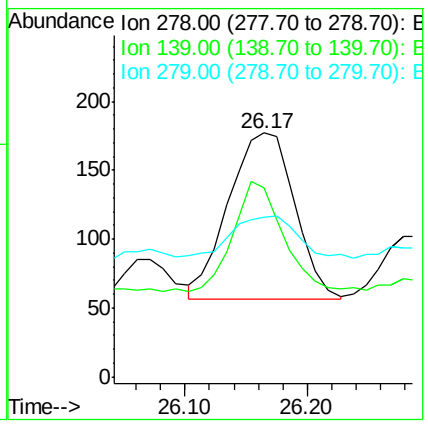
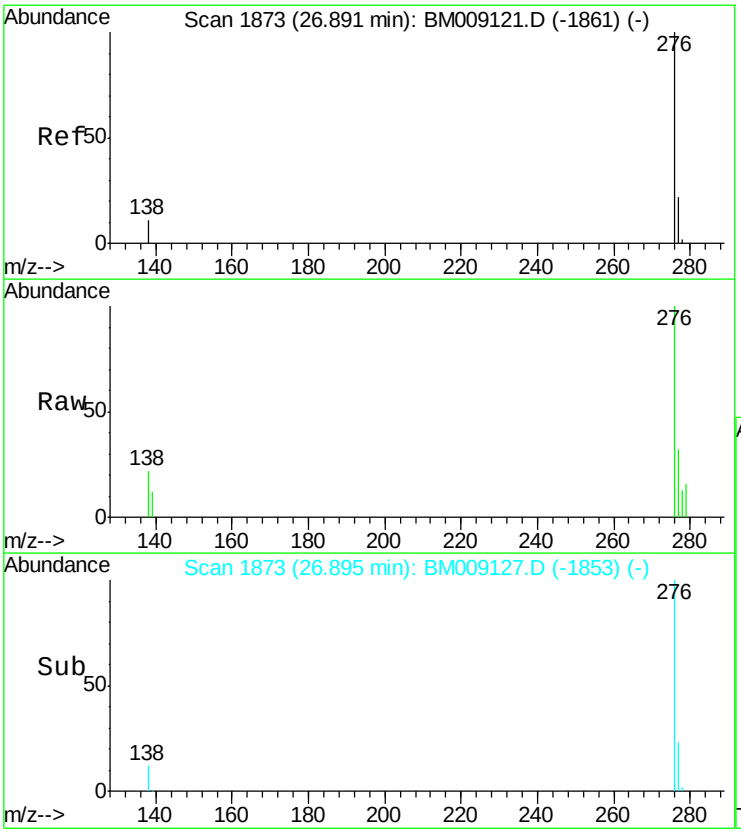
Tgt Ion:278 Resp: 461

Ion	Ratio	Lower	Upper
278	100		
139	77.4	17.4	26.0#
279	65.5	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.37 ng/ul m
RT: 26.89 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM009127.D
Acq: 09 Mar 2017 03:59

Tgt Ion:276 Resp: 1606

Ion	Ratio	Lower	Upper
276	100		
277	31.9	21.8	32.8
138	21.6	20.5	30.7